

September 22, 2004
Case No.: GP-304038 (2760/158)
Serial No.: 10/784,569
Filed: February 23, 2004
Page 2 of 11

CLAIM AMENDMENTS:

Please amend the claims as follows so that the claims currently pending read as follows, wherein no new matter has been added to the claims:

- 1 (Original) A method of tuning a hands-free system in a mobile vehicle, the method comprising:
 - receiving a plurality of vehicle condition inputs;
 - creating a noise parameter based on the vehicle condition inputs; and
 - adjusting a noise suppression algorithm of the hands-free system based on the created noise parameter.
2. (Original) The method of claim 1 wherein receiving a plurality of vehicle condition inputs comprises:
 - sensing an external vehicle condition; and
 - transmitting the sensed external vehicle condition to the hands-free system.
3. (Original) The method of claim 1 wherein receiving a plurality of vehicle condition inputs comprises:
 - sensing a plurality of external vehicle conditions;
 - combining the external vehicle conditions; and
 - transmitting the combined external vehicle conditions to the hands-free system.

September 22, 2004
Case No.: GP-304038 (2760/158)
Serial No.: 10/784,569
Filed: February 23, 2004
Page 3 of 11

4. (Original) The method of claim 1 wherein receiving a plurality of vehicle condition inputs comprises:

- sensing a plurality of external vehicle conditions;
- transmitting each of the plurality of external vehicle conditions to the hands-free system; and
- combining the received external vehicle conditions.

5. (Original) The method of claim 1 wherein receiving a plurality of vehicle condition inputs comprises:

- sensing an internal vehicle condition; and
- transmitting the sensed internal vehicle condition to the hands-free system.

6. (Original) The method of claim 1 wherein receiving a plurality of vehicle condition inputs comprises:

- sensing a plurality of internal vehicle conditions;
- combining the internal vehicle conditions; and
- transmitting the combined internal vehicle conditions to the hands-free system.

7. (Original) The method of claim 1 wherein receiving a plurality of vehicle condition inputs comprises:

- sensing a plurality of internal vehicle conditions;
- transmitting each of the plurality of internal vehicle conditions to the hands-free system; and
- combining the received internal vehicle conditions.

September 22, 2004
Case No.: GP-304038 (2760/158)
Serial No.: 10/784,569
Filed: February 23, 2004
Page 4 of 11

8. (Original) The method of claim 1 wherein adjusting a noise suppression algorithm of the hands-free system based on the created noise parameter comprises:

combining the created noise parameter with an ambient noise parameter of the noise suppression algorithm; and

modifying the noise suppression algorithm based on the combined parameters.

9. (Currently Amended) The method of claim 1 wherein the vehicle condition inputs comprise one or more input from the list consisting of external vehicle climate control input from a climate control unit, road-type input for road vehicle is traveling input based on vehicle global positioning coordinates input, vehicle audio-device input, vehicle engine input from an ~~engineer~~ engine, vehicle speed input and combinations thereof.

10. (Original) A system for tuning a hands free system in a telematics unit, comprising:
means for receiving a plurality of vehicle condition inputs;
means for creating a noise parameter based on the vehicle condition inputs; and
means for adjusting a noise suppression algorithm of the hands-free system based on the created noise parameter.

11. (Original) The system of claim 10, further comprising:
means for sensing a plurality of external vehicle conditions;
means for transmitting each of the plurality of external vehicle conditions to the hands-free system; and
means for combining the received external vehicle conditions.

September 22, 2004
Case No.: GP-304038 (2760/158)
Serial No.: 10/784,569
Filed: February 23, 2004
Page 5 of 11

12. (Original) A computer readable medium storing a computer program comprising:
computer readable code for receiving a plurality of vehicle condition inputs;
computer readable code for creating a noise parameter based on the vehicle condition inputs; and
computer readable code for adjusting a noise suppression algorithm of the hands-free system based on the created noise parameter.
13. (Original) The medium of claim 12 wherein receiving a plurality of vehicle condition inputs comprises:
computer readable code for sensing an external vehicle condition; and
computer readable code for transmitting the sensed external vehicle condition to the hands-free system.
14. (Original) The medium of claim 12 wherein receiving a plurality of vehicle condition inputs comprises:
computer readable code for sensing a plurality of external vehicle conditions;
computer readable code for combining the external vehicle conditions; and
computer readable code for transmitting the combined external vehicle conditions to the hands-free system.
15. (Original) The medium of claim 12 wherein receiving a plurality of vehicle condition inputs comprises:
computer readable code for sensing a plurality of external vehicle conditions;
computer readable code for transmitting each of the plurality of external vehicle conditions to the hands-free system; and
computer readable code for combining the received external vehicle conditions.

September 22, 2004
Case No.: GP-304038 (2760/158)
Serial No.: 10/784,569
Filed: February 23, 2004
Page 6 of 11

16. (Original) The medium of claim 12 wherein receiving a plurality of vehicle condition inputs comprises:

- computer readable code for sensing an internal vehicle condition; and
- computer readable code for transmitting the sensed internal vehicle condition to the hands-free system.

17. (Original) The medium of claim 12 wherein receiving a plurality of vehicle condition inputs comprises:

- computer readable code for sensing a plurality of internal vehicle conditions;
- computer readable code for combining the internal vehicle conditions; and
- computer readable code for transmitting the combined internal vehicle conditions to the hands-free system.

18. (Original) The medium of claim 12 wherein receiving a plurality of vehicle condition inputs comprises:

- computer readable code for sensing a plurality of internal vehicle conditions;
- computer readable code for transmitting each of the plurality of internal vehicle conditions to the hands-free system; and
- computer readable code for combining the received internal vehicle conditions.

19. (Original) The medium of claim 12 wherein adjusting a noise suppression algorithm of the hands-free system based on the created noise parameter comprises:

- computer readable code for combining the created noise parameter with an ambient noise parameter of the noise suppression algorithm; and
- computer readable code for modifying the noise suppression algorithm based on the combined parameters.

20. (Cancelled)

September 22, 2004
Case No.: GP-304038 (2760/158)
Serial No.: 10/784,569
Filed: February 23, 2004
Page 7 of 11

21. (New) A method of tuning a hands-free system in a mobile vehicle, the method comprising:
- receiving a plurality of vehicle condition inputs via a vehicle communication bus;
 - creating a noise parameter based on the vehicle condition inputs; and
 - adjusting a noise suppression algorithm of the hands-free system based on the created noise parameter.
22. (New) The method of claim 21 wherein the plurality of vehicle condition inputs includes a road input based on global positioning coordinates.
23. (New) The method of claim 21 wherein the plurality of vehicle condition inputs includes an external vehicle climate input based on the weather outside the vehicle.
24. (New) The method of claim 21 wherein the plurality of vehicle condition inputs includes an audio-device input based on the type and intensity level of ambient noise.